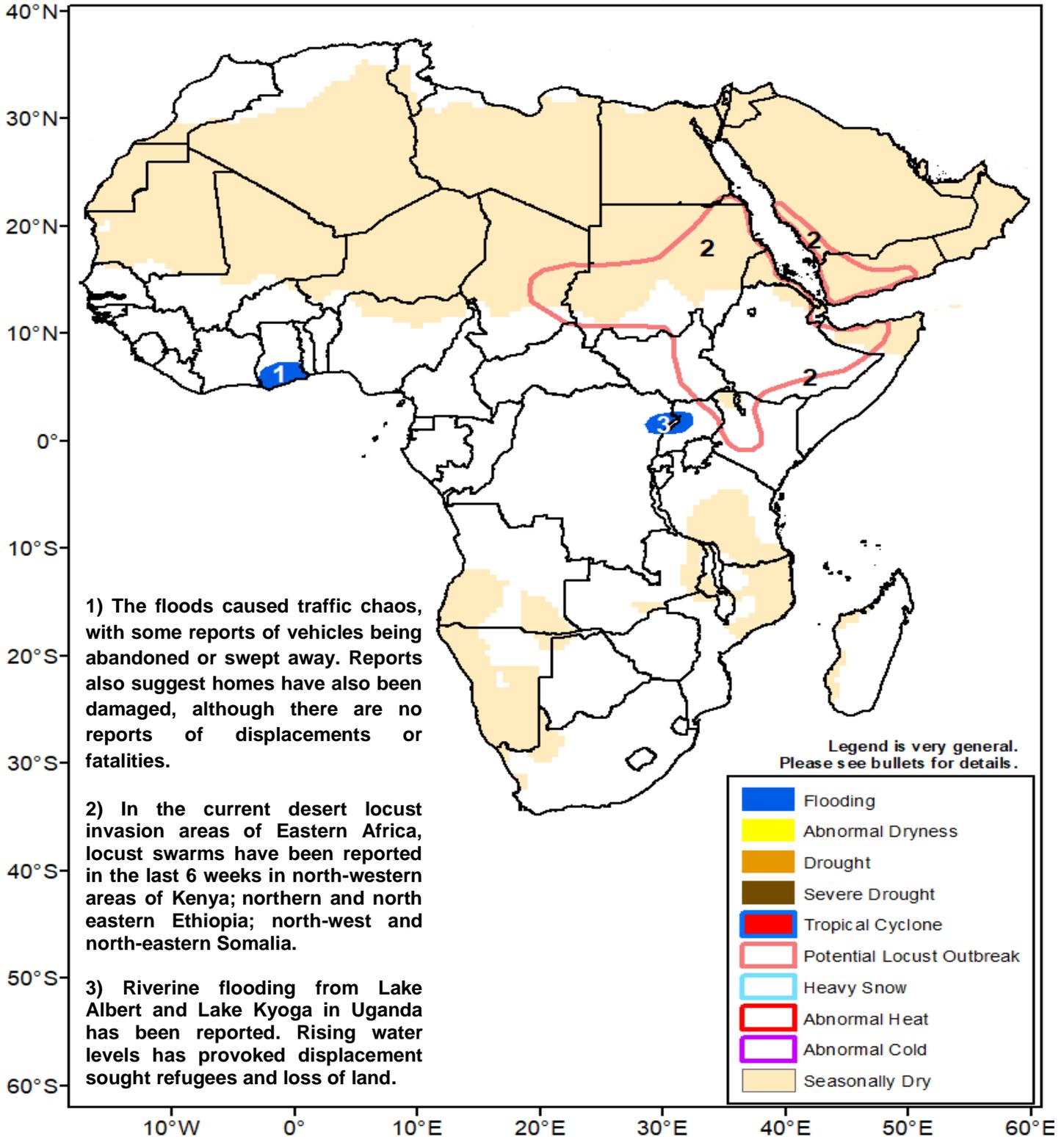




Climate Prediction Center's Africa Hazards Outlook October 15 – 21, 2020

- Flash flood has been reported in Accra and surrounding areas in Ghana
- Flash flood has been reported from Lake Albert and Lake Kyoga in Uganda.



1) The floods caused traffic chaos, with some reports of vehicles being abandoned or swept away. Reports also suggest homes have also been damaged, although there are no reports of displacements or fatalities.

2) In the current desert locust invasion areas of Eastern Africa, locust swarms have been reported in the last 6 weeks in north-western areas of Kenya; northern and north eastern Ethiopia; north-west and north-eastern Somalia.

3) Riverine flooding from Lake Albert and Lake Kyoga in Uganda has been reported. Rising water levels has provoked displacement sought refugees and loss of land.

Legend is very general. Please see bullets for details.

Ending of rainy season over the western part of Africa.

The rainy season performance over West Africa has been between 100-120% of normal rainfall except some local and coastal areas in Cote d'Ivoire and Ghana (**Figure 1**). This past 7 days, light moderate rainfall has recorded, according to the estimated satellite rainfall, light to moderate rainfall over the northern part of Senegal, the central part of Mali, the northern part of Burkina Faso, the southern part of Niger and the central part of Chad. This decrease of rainfall corresponds to the southward movement of the ITF below 15N latitude (**Figure 2**). Moderate to heavy rainfall has been recorded overall the Gulf of Guinea countries including Liberia, Sierra Leon, and the coastal areas of Guinea. This past 30-day, a widespread of positive anomalies has been observed over the countries in West Africa expected some local areas showing weak deficit in Gulf of Guinea countries.

Comparing the two last dekad of vegetation NDVI, a continuation of growing vegetation has been observed over the western part of Africa.

During the coming outlook period, below average is expected over the northern part of Senegal, the central and southern part of Mali, and Burkina Faso. A seasonal rainfall is expected in Guinea, Sierra Leon, Liberia, and the Gulf of Guinea countries. Above-average rainfall is expected over far northwestern part of Cameroon.

Short season has started over East Africa

The Bega season has started over Ethiopia. The past 7-day, satellite estimated total rainfall has reported light to moderate rainfall over the southern part of Sudan, South Sudan, the far western and southern part of Ethiopia, the northeastern part of Democratic Republic of Congo, the central part of Somalia and the western part of Kenya (**Figure 2**). The Kiremt season performance has been above average over Ethiopia. Above 120% of normal rainfall has been observed in Sudan and a major part of Ethiopia. Between 100-120% of normal rainfall has been observed over South Sudan, Uganda, the western part of Kenya and the northeastern part of Democratic Republic Of Congo (**Figure 1**). The basin excess rainfall map has observed moderate to high risk of riverine overbed over the southern part of Sudan which is less than the previous week.

Despite the worrisome desert locust since the beginning of the year, the overall Kiremt season has recorded a favorable and growing vegetation overall East Africa.

During the outlook period, above-average rainfall is expected over the western and southern part of Ethiopia, Uganda, and the central-eastern part of Democratic Republic of Congo. A seasonal rainfall is expected over the southern part of Sudan, South Sudan, and the western part of Kenya. A continuation of above-average rainfall over Uganda could trigger more flash flood during the coming week.

Note: The hazards outlook map on page 1 is based on current weather/climate information and short and medium range weather forecasts (up to 1 week). It assesses their potential impact on crop and pasture conditions. Shaded polygons are added in areas where anomalous conditions have been observed. The boundaries of these polygons are only approximate at this continental scale. This product does not reflect long range seasonal climate forecasts or indicate current or projected food security conditions.

Questions or comments about this product may be directed to Wassila.Thiaw@noaa.gov or 1-301-683-3424.

3-Month Satellite Estimated Percent of Normal Rainfall (mm) Valid: August 01 – October 13, 2020

ARC2 3-Mon Percent of Normal Rainfall (%)
Period: 01Aug2020 – 13Oct2020

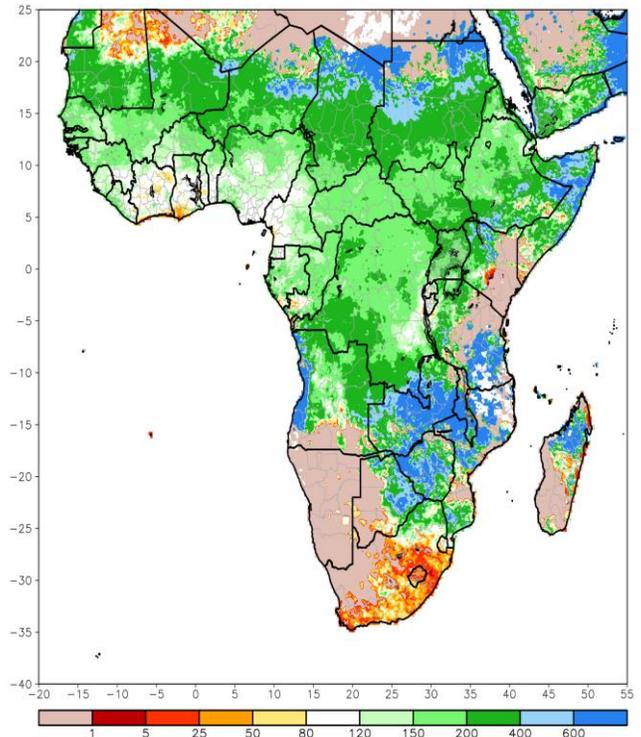


Figure 1: NOAA/CPC

7-Day Satellite Estimated Total Rainfall (mm) Valid: October 07 – 13, 2020

RFE2 7-Day Total Rainfall (mm)
Period: 07Oct2020 – 13Oct2020

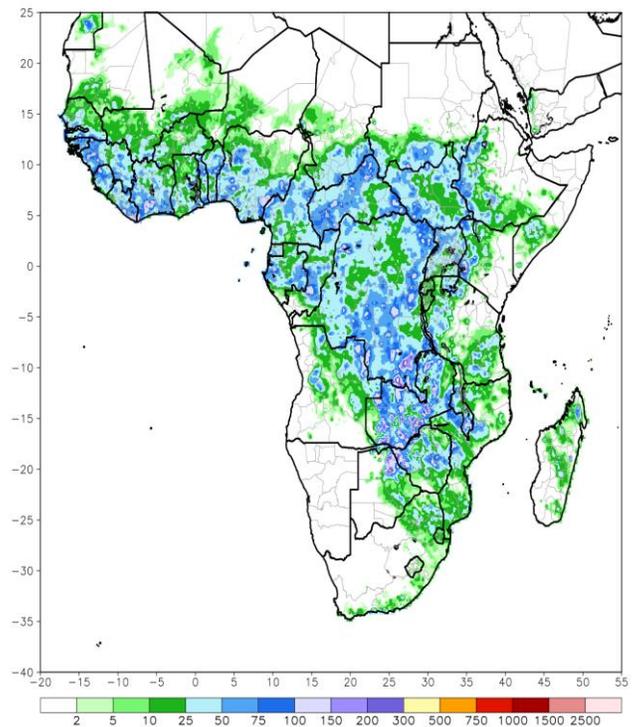


Figure 2: NOAA/CPC